

*****CONFIDENTIAL****PRE-DECISIONAL DOCUMENT*****

SITE REEVALUATION WORKSHEET

Site Name: Protomold Mfg.
EPA ID No.: CAD 982359101
TDD No.: F9-8905-016
City: San Jose
County: Santa Clara

Site Evaluator: Yoon K. Toh, ICF Technology, Incorporated
Date: September 20, 1989

POTENTIAL RELEASES

[X] Ground Water
[] Surface Water
[] Air
[] On-site/Direct Contact

SCORING SCENARIOS

	Best Case	Worst Case
GROUND-WATER ROUTE SCORE (Sgw) =	<u>32.20</u>	<u>46.05</u>
SURFACE WATER ROUTE SCORE (Sw) =	<u>0</u>	<u>0</u>
AIR ROUTE SCORE (Sa) =	<u>0</u>	<u>0</u>
TOTAL SCORE (Sm) =	<u>18.60</u>	<u>26.62</u>

PROPOSED REVISED HRS MODEL CONSIDERATIONS

GROUND-WATER ROUTE: An increase in migration route from three to four miles will not significantly change the target population.

SURFACE WATER ROUTE: There is no information indicating that a potential for a release via this route exists.

AIR ROUTE: There is no information indicating that a potential for a release via this route exists.

ON-SITE ROUTE: There is no information indicating that a potential for a release via this route exists.

GROUND-WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
<u>1. OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u> </u>	<u> </u>
<u>2. ROUTE CHARACTERISTICS</u>				
DEPTH TO AQUIFER OF CONCERN (×2)	<u>4</u>	<u>4</u>	<u> </u>	<u> </u>
NET PRECIPITATION	<u>2</u>	<u>2</u>	<u> </u>	<u> </u>
PERMEABILITY OF UNSATURATED ZONE	<u>1</u>	<u>1</u>	<u> </u>	<u> </u>
PHYSICAL STATE	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
ROUTE CHARACT. SCORE =	<u>10</u>	<u>10</u>	<u> </u>	<u> </u>
<u>3. CONTAINMENT</u>	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
<u>4. WASTE CHARACTERISTICS:</u>				
TOXICITY/PERSISTENCE	<u>12</u>	<u>12</u>	<u> </u>	<u>K</u>
HAZARDOUS WASTE QUANTITY	<u>2</u>	<u>2</u>	<u> </u>	<u>K</u>
WASTE CHARACT. SCORE =	<u>14</u>	<u>14</u>	<u> </u>	<u>K</u>
<u>5. TARGETS:</u>				
GROUND-WATER USE (×3)	<u>9</u>	<u>9</u>	<u> </u>	<u>K</u>
DISTANCE TO NEAREST WELL/ POPULATION SERVED	<u>35</u>	<u>35</u>	<u> </u>	<u>K</u>
TOTAL TARGETS SCORE =	<u>44</u>	<u>44</u>	<u> </u>	<u>K</u>
GROUND-WATER ROUTE SCORE =	<u>32.20</u>	<u>46.05</u>	<u> </u>	<u>K</u>

SURFACE WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
<u>1. OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
<u>2. ROUTE CHARACTERISTICS</u>				
FACILITY SLOPE AND INTERVENING TERRAIN	<u>0</u>	<u>0</u>	<u> </u>	<u> </u>
1-YR., 24-HR. RAINFALL	<u>2</u>	<u>2</u>	<u> </u>	<u> </u>
DISTANCE TO NEAREST SURFACE WATER (×2)	<u>4</u>	<u>4</u>	<u> </u>	<u> </u>
PHYSICAL STATE	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
ROUTE CHARACT. SCORE =	<u>9</u>	<u>9</u>	<u> </u>	<u> </u>
<u>3. CONTAINMENT</u>	<u>3</u>	<u>3</u>	<u> </u>	<u>K</u>
<u>4. WASTE CHARACTERISTICS:</u>				
TOXICITY/PERSISTENCE	<u>18</u>	<u>18</u>	<u> </u>	<u>K</u>
HAZARDOUS WASTE QUANTITY	<u>2</u>	<u>2</u>	<u> </u>	<u>K</u>
WASTE CHARACT. SCORE =	<u>20</u>	<u>20</u>	<u> </u>	<u>K</u>
<u>5. TARGETS:</u>				
SURFACE WATER USE (×3)	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
DISTANCE TO A SENSITIVE ENVIRONMENT (×2)	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
POPULATION SERVED/ DISTANCE TO DOWNSTREAM WATER INTAKE	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
TOTAL TARGETS SCORE =	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
SURFACE WATER ROUTE SCORE =	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>

AIR ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
<u>1. OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u></u>	<u>K</u>
DATE AND LOCATION:				
<u>2. WASTE CHARACTERISTICS:</u>				
REACTIVITY AND INCOMPATIBILITY	<u></u>	<u></u>	<u></u>	<u></u>
TOXICITY (×3)	<u></u>	<u></u>	<u></u>	<u></u>
HAZARDOUS WASTE QUANTITY	<u></u>	<u></u>	<u></u>	<u></u>
WASTE CHARACT. SCORE =	<u></u>	<u></u>		<u></u>
<u>3. TARGETS:</u>				
POPULATION WITHIN 4 MILES	<u></u>	<u></u>	<u></u>	<u></u>
DISTANCE TO SENSITIVE ENVIRONMENT (×2)	<u></u>	<u></u>	<u></u>	<u></u>
LAND USE	<u></u>	<u></u>	<u></u>	<u></u>
TOTAL TARGETS SCORE =	<u></u>	<u></u>		<u></u>
AIR ROUTE SCORE =	<u>0</u>	<u>0</u>		<u>K</u>

CONCLUSIONS

The preliminary assessment recommends No Further Action under CERCLA at the site. A preliminary screening of the HRS factors based on preremedial conditions indicates that the site appears unlikely to be eligible for inclusion on the National Priorities List for the following reasons:

- low waste quantity; and
- low potential for release to groundwater due to groundwater route characteristics.

EPA RECOMMENDATION

	<u>Initial</u>	<u>Date</u>
No Further Remedial Action Planned	_____	_____
Medium Priority SSI	_____	_____
High Priority SSI	_____	_____

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SCORING SCENARIOS

	Best Case	Worst Case
GROUND-WATER ROUTE SCORE (S _{gw}) =	<u>32.20</u>	<u>46.05</u>
SURFACE WATER ROUTE SCORE (S _w) =	<u>0</u>	<u>0</u>
AIR ROUTE SCORE (S _a) =	<u>0</u>	<u>0</u>
TOTAL SCORE (S _m) =	<u>18.60</u>	<u>26.62</u>

PROPOSED REVISED HRS MODEL CONSIDERATIONS

GROUND-WATER ROUTE: An increase in migration route from three to four miles will not significantly change the target population.

SURFACE WATER ROUTE: There is no information indicating that a potential for a release via this route exists.

AIR ROUTE: There is no information indicating that a potential for a release via this route exists.

ON-SITE ROUTE: There is no information indicating that a potential for a release via this route exists.

GROUND-WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1. <u>OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u> </u>	<u> </u>
2. <u>ROUTE CHARACTERISTICS</u>				
DEPTH TO AQUIFER OF CONCERN (×2)	<u>4</u>	<u>4</u>	<u> </u>	<u> </u>
NET PRECIPITATION	<u>2</u>	<u>2</u>	<u> </u>	<u> </u>
PERMEABILITY OF UNSATURATED ZONE	<u>1</u>	<u>1</u>	<u> </u>	<u> </u>
PHYSICAL STATE	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
ROUTE CHARACT. SCORE =	<u>10</u>	<u>10</u>	<u> </u>	<u> </u>
3. <u>CONTAINMENT</u>	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
4. <u>WASTE CHARACTERISTICS:</u>				
TOXICITY/PERSISTENCE	<u>12</u>	<u>12</u>	<u> </u>	<u>K</u>
HAZARDOUS WASTE QUANTITY	<u>2</u>	<u>2</u>	<u> </u>	<u>K</u>
WASTE CHARACT. SCORE =	<u>14</u>	<u>14</u>	<u> </u>	<u>K</u>
5. <u>TARGETS:</u>				
GROUND-WATER USE (×3)	<u>9</u>	<u>9</u>	<u> </u>	<u>K</u>
DISTANCE TO NEAREST WELL/ POPULATION SERVED	<u>35</u>	<u>35</u>	<u> </u>	<u>K</u>
TOTAL TARGETS SCORE =	<u>44</u>	<u>44</u>	<u> </u>	<u>K</u>
GROUND-WATER ROUTE SCORE =	<u>32.20</u>	<u>46.05</u>	<u> </u>	<u>K</u>

SURFACE WATER ROUTE WORKSHEET

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<u>1. OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
<u>2. ROUTE CHARACTERISTICS</u>				
FACILITY SLOPE AND INTERVENING TERRAIN	<u>0</u>	<u>0</u>	<u> </u>	<u> </u>
1-YR., 24-HR. RAINFALL	<u>2</u>	<u>2</u>	<u> </u>	<u> </u>
DISTANCE TO NEAREST SURFACE WATER (×2)	<u>4</u>	<u>4</u>	<u> </u>	<u> </u>
PHYSICAL STATE	<u>3</u>	<u>3</u>	<u> </u>	<u> </u>
ROUTE CHARACT. SCORE =	<u>9</u>	<u>9</u>	<u> </u>	<u> </u>
<u>3. CONTAINMENT</u>	<u>3</u>	<u>3</u>	<u> </u>	<u>K</u>
<u>4. WASTE CHARACTERISTICS:</u>				
TOXICITY/PERSISTENCE	<u>18</u>	<u>18</u>	<u> </u>	<u>K</u>
HAZARDOUS WASTE QUANTITY	<u>2</u>	<u>2</u>	<u> </u>	<u>K</u>
WASTE CHARACT. SCORE =	<u>20</u>	<u>20</u>	<u> </u>	<u>K</u>
<u>5. TARGETS:</u>				
SURFACE WATER USE (×3)	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
DISTANCE TO A SENSITIVE ENVIRONMENT (×2)	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
POPULATION SERVED/ DISTANCE TO DOWNSTREAM WATER INTAKE	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
TOTAL TARGETS SCORE =	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
SURFACE WATER ROUTE SCORE =	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>

AIR ROUTE WORKSHEET

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1. <u>OBSERVED RELEASE</u>	<u>0</u>	<u>0</u>	<u> </u>	<u>K</u>
DATE AND LOCATION:				
2. <u>WASTE CHARACTERISTICS:</u>				
REACTIVITY AND INCOMPATIBILITY	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOXICITY (×3)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
HAZARDOUS WASTE QUANTITY	<u> </u>	<u> </u>	<u> </u>	<u> </u>
WASTE CHARACT. SCORE =	<u> </u>	<u> </u>		<u> </u>
3. <u>TARGETS:</u>				
POPULATION WITHIN 4 MILES	<u> </u>	<u> </u>	<u> </u>	<u> </u>
DISTANCE TO SENSITIVE ENVIRONMENT (×2)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
LAND USE	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTAL TARGETS SCORE =	<u> </u>	<u> </u>		<u> </u>
AIR ROUTE SCORE =	<u>0</u>	<u>0</u>		<u>K</u>